

IN THE CLAIMS:

1-24.(Cancelled as Non-elected)

1 25. (Previously presented) A rod lens array according to claim 36 and including at
2 least one rod lens having a center-line-average roughness of 0.5 μm - 2.0 μm on
3 the peripheral surface.

1 26-35. Canceled

1 36. (Previously presented) A rod lens array comprising:
2 a plurality of gradient index rod lenses each of which are spaced apart by
3 an average spacing of 1 μm to 5 μm ; and
4 means for fixing the gradient index rod lens in alignment in an integral rod
5 lens array unit.

1 37. (Previously presented) The rod lens array of claim 36, wherein the average
2 spacing is in a range of 2 μm to 5 μm .

1 38. (Previously presented) The rod lens array of claim 36, wherein variation in
2 alignment pitch, horizontal variation and/or height variation is suppressed.

1 39. (Previously presented) A rod lens array according to claim 36 and in which
2 constituent rod lenses are such that representative values for the center-line-
3 average roughness on their peripheral surfaces are between 0.5 μm and 2.0 μm as
4 averaged for the whole lens array.

1 40. (Previously presented) A rod lens array according to claim 36 in which center-
2 line-average roughness of peripheral surfaces of constituent rod lenses have a
3 standard deviation between 0.01 μm and 0.2 μm for the whole lens array.

1 41. (Previously presented) A rod lens array according to claim 36 in which
2 diameters of constituent rod lenses have a standard deviation between 0.01 μm

1 and 2.5 μm for the whole lens array.